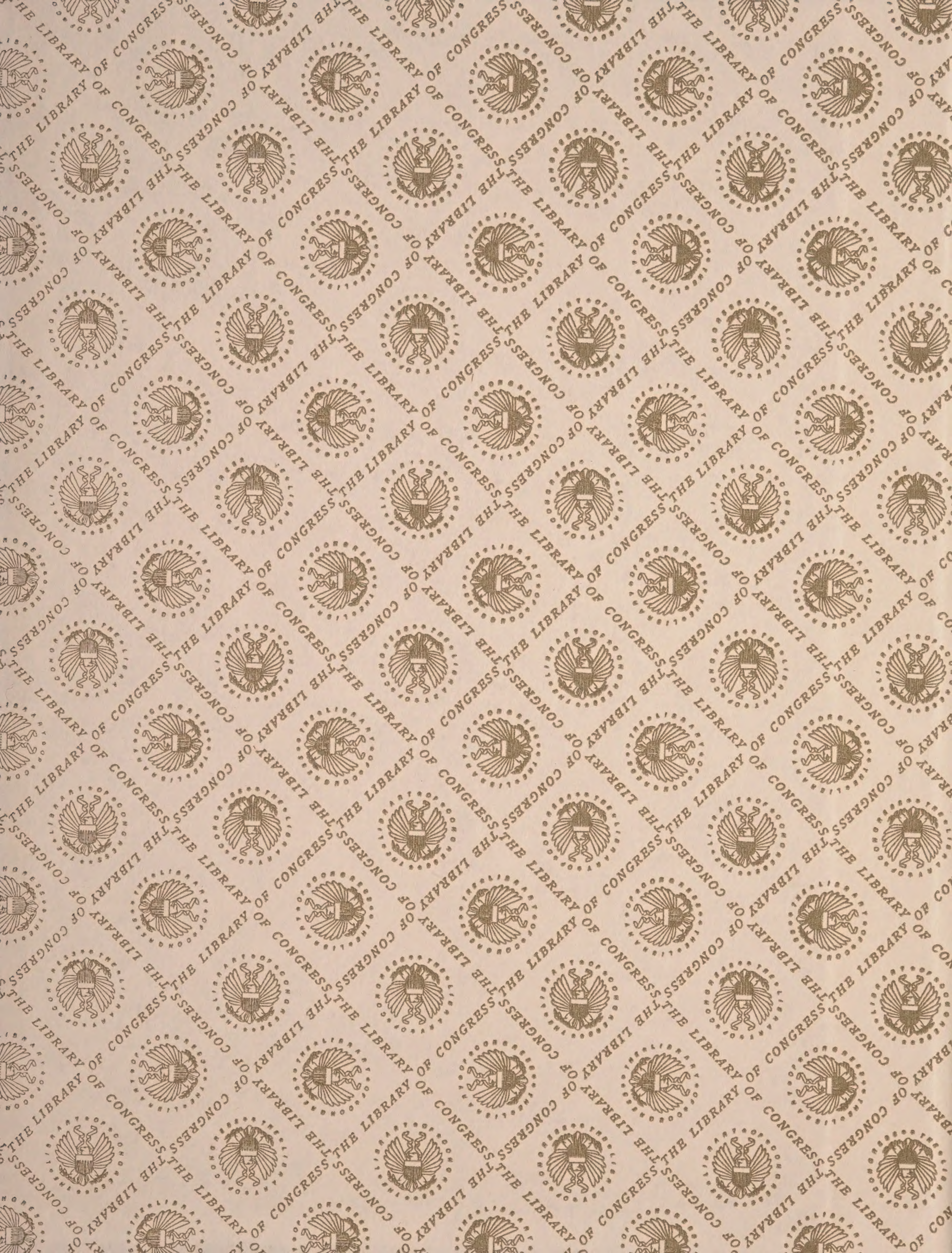


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A COURSE OF STUDY IN  
WOMEN'S GARMENT DESIGN  
FOR  
VOCATIONAL AND CONTINUATION SCHOOLS

BY  
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39 LESSONS



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## WOMEN'S GARMENT DESIGN

Job No. 1-b

### Taking Measurements for a Skirt

For what purpose do we measure a figure?

We take measurements in order to draft a pattern for a garment. The cloth is cut according to the pattern. Then the various pieces of cut cloth are sewed together.

Take a tape measure and pencil and measure the figure as shown on the illustration below.

On a sheet of paper write the name and number of inches of each measurement.

Example: Waist - 29" ("represents inches)

Hips - 41"

Side Length - 41"

Front Length - 40"

Back Length - 41"









# WOMEN'S GARMENT DESIGN

Job No. 2 - a

a. The Tailors Square

The Tailor's Square.

b. Drafting the Box for a Shirt.

The Tailor's Square consists of a long and a short arm. On one side of the square there is the simple inch measurement and its denominations the half, the quarter and the eighth of an inch. On the other side there are scales of scale measurements. What is meant by a scale?

A scale is a system of measuring in which a fixed unit is the foundation.

Ex: On the short arm of the square there are four scales, viz., 16<sup>ths</sup>, 8<sup>ths</sup>, 4<sup>ths</sup> and Halves.

In the 16<sup>ths</sup> the unit of measurement is  $\frac{1}{16}$  of an inch.

"	"	8 <sup>ths</sup>	"	"	"	"	"	$\frac{1}{8}$	"	"
"	"	4 <sup>ths</sup>	"	"	"	"	"	$\frac{1}{4}$	"	"
"	"	Halves	"	"	"	"	"	$\frac{1}{2}$	"	"

On the long arm of the square there are four scales, viz., 12<sup>ths</sup>, 6<sup>ths</sup>, 3<sup>ths</sup>, 2<sup>thirds</sup>.

In the 12<sup>ths</sup> the unit of measurement is  $\frac{1}{12}$  of an inch.

"	"	6 <sup>ths</sup>	"	"	"	"	"	$\frac{1}{6}$	"	"
"	"	3 <sup>ths</sup>	"	"	"	"	"	$\frac{1}{3}$	"	"
"	"	2 <sup>thirds</sup>	"	"	"	"	"	$\frac{2}{3}$	"	"

All units of the scale measurements are measured from the point where the outer edges of the short and long arms of the square meet.

Study each scale separately and compare it with the number of inches on the reverse side (non-scale) of the square.

For Example: On scale 12<sup>ths</sup>, 18 =  $1\frac{1}{2}$ "  
" " 6<sup>ths</sup>, 18 = 3"  
" " 3<sup>ths</sup>, 18 = 6"  
" " 2<sup>thirds</sup>, 18 = 12"

On scale 16<sup>ths</sup>, 18 =  $1\frac{1}{8}$ "  
" " 8<sup>ths</sup>, 18 =  $2\frac{1}{4}$ "  
" " 4<sup>ths</sup>, 18 =  $4\frac{1}{2}$ "  
" " Halves, 18 = 9"

Uses of the Square.

The square is used for measuring and for drawing all horizontal, vertical and angular lines.











Two-Piece Skirt

NO. 17-29



Job No. 3

Tools- Tailor's Square, tape measure, 40" rule, pencil

Material- About 50" of drafting paper

Process- Draft box of skirt as explained in previous lesson.

2-Shape line A to E either free hand or with curve stick.

3- " " F " H " " " " " " " "

4- " " B " I " " " " " " " "

5-Point 1 is half way between H and E

6-From point 1 to point 2 measure  $\frac{1}{2}$ "

7-Point 3 is half way between B and I

8-Point 4 is 1" from point 3.

9-Draw a line from point 2 to point 4

10-From point 2 to point 5 measure  $1\frac{1}{2}$ "

11-Shape line from point 5 to X

12-From point 2 to point 6 measure  $1\frac{1}{2}$ "

13-Shape line from point 6 to X.

NOTE: This draft has no seam allowances.

There are no seams in centre front or back.

Add  $\frac{1}{2}$ " for seam to line 5-X-4 and line 6-X-4.

The seam allowance to the front and back parts can be made when cutting out the pattern from the draft.







Tools - Tailor's Square, tape measure, 45" rule, pencil.

Materials - About 50" of drafting paper.

### Process

1 - Draft box of skirt

2 - From A to 1 measure 3"

3 - " 1 " 2 " 4"

4 - " 2 " 3 " 5"

5 - " B " 4 " 6"

6 - Draw line from point 1 to point 4

7 - From point 5 to 6 measure

6". Draw line from 2 to 6.

8 - From point 6 to 7 measure

5". Draw line from 3 to 7.

9 - From point 1 to 8 measure  $\frac{1}{4}$ "

10 - " 1 " 9 "  $\frac{1}{4}$ "

11 - Shape lines from 8 to 5

and 9 to 5.

12 - From point 2 to 10 measure 1"

13 - " 2 " 11 " 1"

14 - Shape lines from points 10 and

11 to point 6.

15 - From point 3 to 12 measure 1"

16 - " " 3 " 13 "  $\frac{1}{2}$ "

17 - Shape lines from points 12

and 13 to 17.

Note: This has a seam in the centre back and two in the front. In cutting out pattern allow  $\frac{1}{2}$ " for seams to each part, as indicated in the draft.







## WOMEN'S GARMENT DESIGN

Tools- Tailors Square, 45" rule, tape measure, shaping lead, scissors, pencil.

Material- A sheet of drafting paper 50" long.

Process-

1- Draft box of skirt and shape waist and bottom lines.

2- From A to C measure  $2\frac{1}{2}"$

3- " B to D "  $5"$

4- " C " E "  $5"$

5- " D " F "  $13"$

6- " E " H "  $5"$

7- " G " J "  $6"$

8- " C " I "  $\frac{1}{8}"$

9- " C " K "  $\frac{1}{8}"$

10- Shape lines from points J and K to hip line.

11- From E to L measure  $\frac{7}{8}"$

12- " E " M "  $\frac{7}{8}"$

13- Shape lines from points L and M to G

14- From H to N measure  $3\frac{1}{4}"$

15- " H " O "  $3\frac{1}{4}"$

16- Shape lines from points N and O to I

NOTE: Make notch lines as indicated on draft. The purpose of these is to guide the tailor in correctly assembling the various parts.

This pattern has no seam allowance. Add  $\frac{1}{2}"$  to the side of each gore where there is a seam.

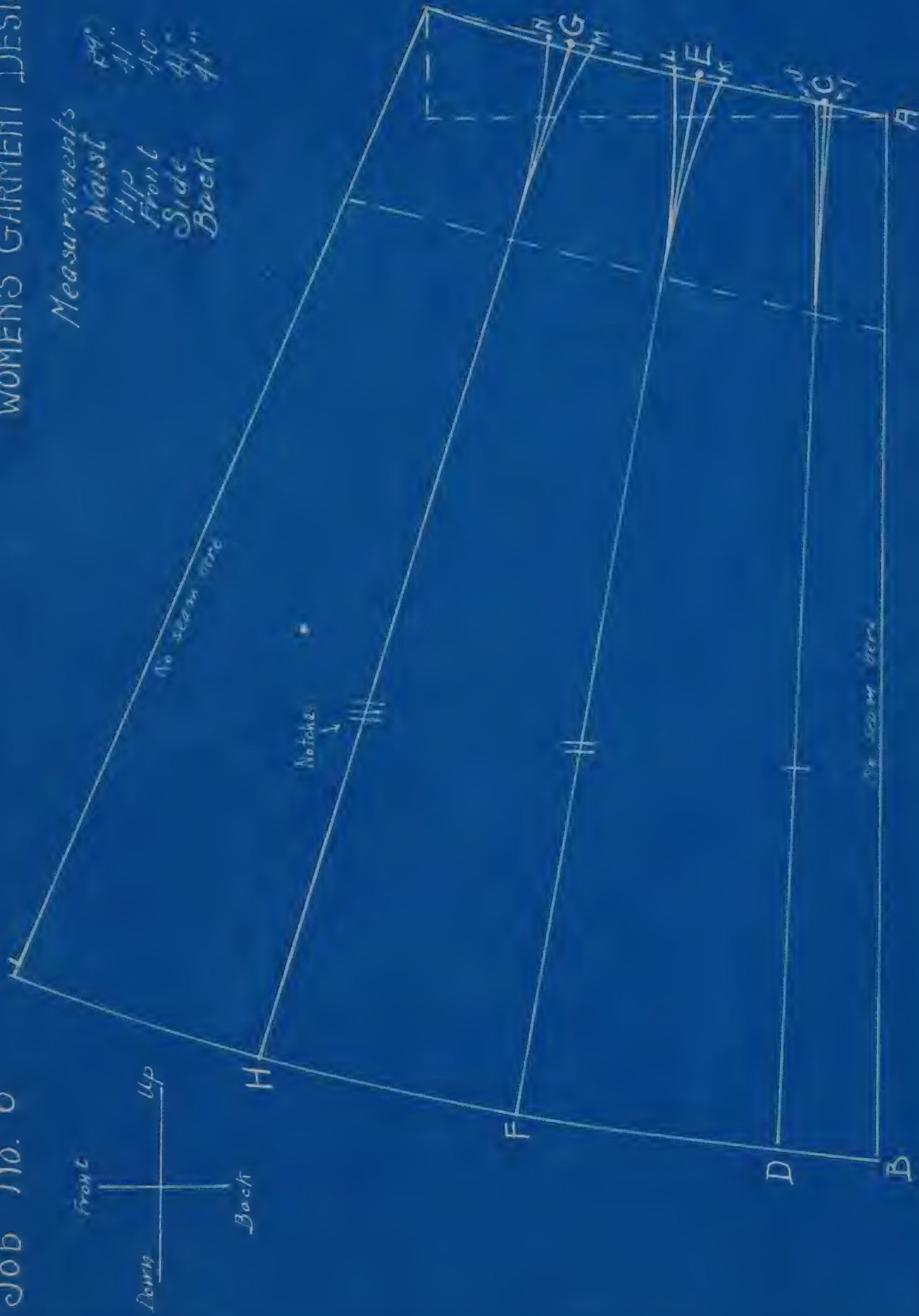


# SEVEN-GORE SKIRT

Job No. 6

WOMEN'S GARMENT DESIGN

Measurements  
 Waist 29"  
 Hip 41"  
 Front 40"  
 Side 41"  
 Back 41"





# SEVEN-GORE SKIRT

Job No. 6

## WOMEN'S GARMENT DESIGN

Tools- Tailors Square, tape measure, 45" rule, shaping lead, scissors, pencils

Material- A sheet of drafting paper 50" long.

### Process-

1-Draft box of skirt (Ref. Job 2)

2-Shape waist and bottom lines of skirt box.

3-From A to C measure  $2\frac{1}{4}"$

4- " B " D " 4"

5- " C " E " 4"

6- " D " F " 10"

7- " E " G " 5"

8- " F " H " 10"

9- " C " I "  $\frac{1}{8}"$

10- " C " J "  $\frac{1}{8}"$

11- Shape from points I and J to hip line (dotted)

12- From E to K measure  $\frac{7}{8}"$

13- " E " L "  $\frac{7}{8}"$

14- Shape from points K and L

to hip line (dotted).

15- From G to M measure  $\frac{3}{4}"$

16- " G " N "  $\frac{3}{4}"$

17- Shape from points M and N to hip line (dotted).

18- Make notches as shown on draft. Refer to previous job regarding purpose of notches.

19- Don't fail to add seam allowance to each gore when cutting pattern.















# ELEVEN-GORE SKIRT

Job No. 8

WOMEN'S GARMENT DESIGN

Tools- Tailor's Square, 45" rule, tape measure, shaping lead, scissors, pencil

Materials- A sheet of drafting paper 50" long.

Process-

1- Draft box of skirt as explained in job 2.

2- From A to C measure  $1\frac{1}{2}"$

3- " B " D " 3"

4- " C " E " 3"

5- " D " F " 6"

6- " E " G "  $3\frac{1}{2}"$

7- " F " H " 6"

8- " G " I "  $3\frac{1}{2}"$

9- " H " J " 6"

10- " I " K "  $3\frac{1}{2}"$

11- " J " L " 6"

12- " K " M "  $\frac{1}{16}"$

13- " L " N "  $\frac{1}{16}"$

14- " M " O "  $\frac{3}{8}"$

15- " N " P "  $\frac{3}{8}"$

16- From G to Q measure  $\frac{7}{16}"$

17- " G " R "  $\frac{7}{16}"$

18- " I " S "  $\frac{7}{16}"$

19- " I " T "  $\frac{7}{16}"$

20- " R " U "  $\frac{7}{16}"$

21- " R " V "  $\frac{7}{16}"$

22- Shape the sides of all the gores from the waist to the hip line.

23- Notch the gores as shown on the draft.

24- Add seam allowance to each gore.







# 1 HIRTEEN-GORE SKIRT

Job No. 9

## WOMEN'S GARMENT DESIGN

Tools- Tailor's Square, 45" rule, tape measure, shaping chalk, scissors, pencil.

Material- A sheet of drafting paper 50" long.

### Process:

1- Draft box of skirt as explained in job 2.

2- From A to C measure  $1\frac{1}{2}"$

3- " B " D " 3"

4- The distances from C to E, E to G, G to I, I to K and K to M each measure  $2\frac{3}{4}"$

5- The distances from D to F, F to H H to J, J to L and L to N each measure  $5\frac{1}{16}"$ .

6- From C to O and C to P measure distances of  $\frac{1}{16}"$  each.

7- From E to Q and E to R measure distances of  $\frac{3}{16}"$  each.

8- From G to S and G to T

measure distances of  $\frac{3}{8}"$  each

9- From I to U and I to V.

measure distances of  $\frac{3}{8}"$  each.

10- From K to W and K to X measure distances of  $\frac{3}{8}"$  each.

11- From M to Y and M to Z

measure distances of  $\frac{3}{8}"$  each.

12- Shape the sides of all the gores from the waist to the hip line.

13- Notch the gores as indicated on the draft.

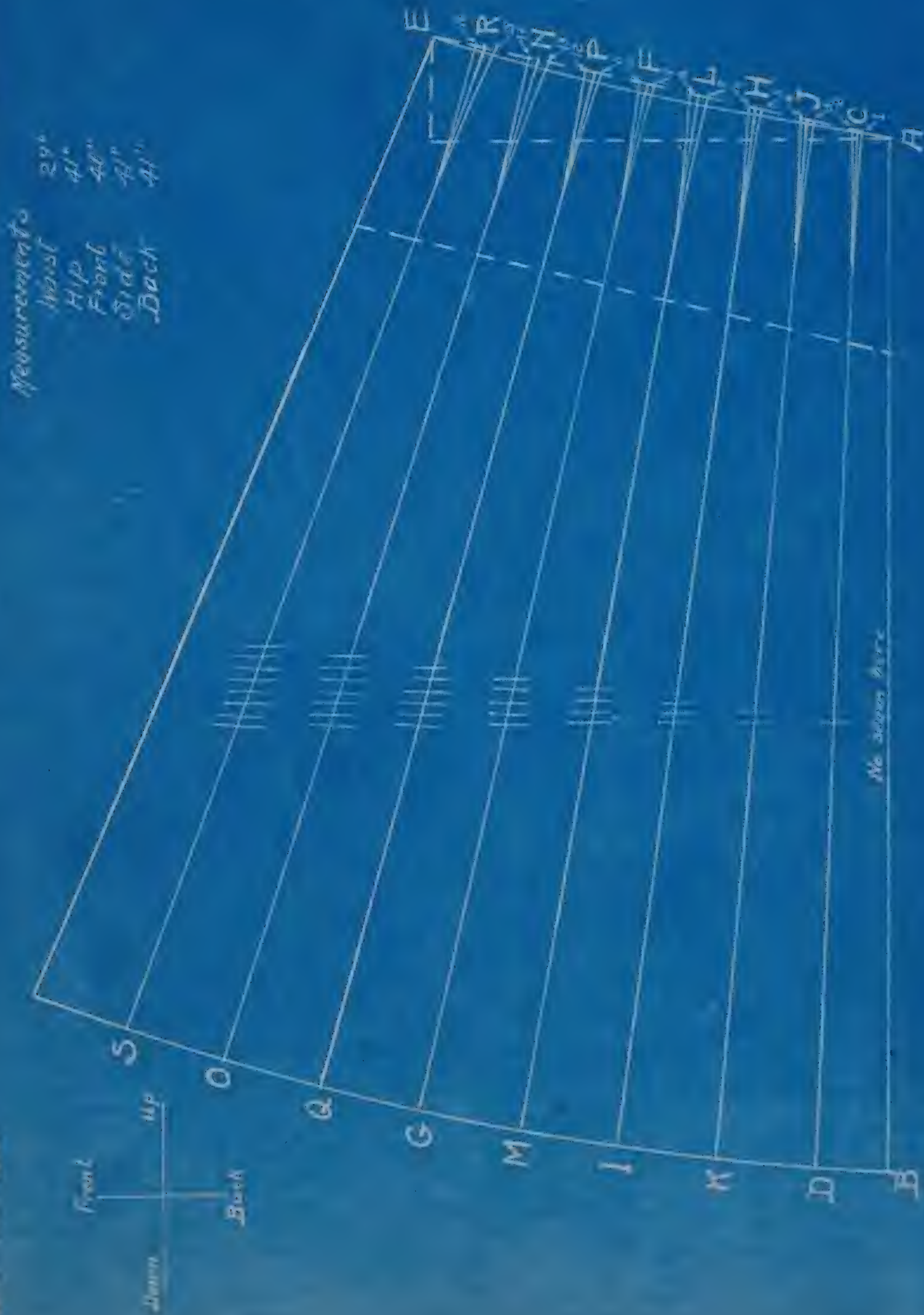
14- Add seam allowance to each gore when cutting pattern.



# SEVENTEEN-GORE SKIRT

WOMEN'S GARMENT DESIGN

Job No 10





**Tools** - Tailor's Square, 45" rule, tape measure, shaping lead, scissors, pencil.  
**Material** - A sheet of drafting paper 50" long.

**Process** -

1- Draft box of skirt as explained in job 2.

2- From A to C measure  $1\frac{1}{4}"$

3- " B " D "  $2\frac{3}{4}"$

4- Divide the distance from C to E into 8 equal parts. This will give you points J, H, L, F, P, N and R.

5- Divide the distance from D to the back of the skirt into 8 equal parts. This will give you points D, K, I, M, G, Q and S.

6- From C to I and C to R measure distances of  $\frac{1}{16}"$  each.

7- From J to B and J to A

measure distances of  $\frac{3}{16}"$  each

8- The distances from H to S,

H to G, L to F, N to E, F to Q, F to I,

P to J, P to K, N to B, N to A,

R to S, and R to I are all

the same. They are  $\frac{1}{4}"$  long.

9- Shape the sides of all the gores from the waist line to the hips.

10- Notch all the gores as on the draft.

11- Add seam allowance to each gore when cutting pattern.



WOMEN'S GARMENT DESIGN

Job No. 11

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## TWO-PIECE CIRCULAR SKIRT

Job No 12

Women's Garment Design

Weight	29 <sup>0</sup>
Hip	41 <sup>11</sup>
Front	40 <sup>0</sup>
Side	41 <sup>0</sup>
Back	41 <sup>0</sup>



# TWO-PIECE CIRCULAR SKIRT

Job No. 12

WOMEN'S GARMENT DESIGN

Tools: Tailor's square, 45" rule, tape measure, shaping lead, pencil.

Material: A sheet of drafting paper, 50" long.

Process:

- 1.- From A to B measure 5"
- 2.- " B " C "  $14\frac{1}{2}"$   
( $\frac{1}{2}$  of waist measurement)
- 3.- Draw line B. to C.
- 4.- Point D is half way between B and C.
- 5.- From D to E measure  $1\frac{1}{4}"$
- 6.- Shape waist line from D through E to C.
- 7.- From B to F measure 8"
- 8.- Shape hip line from F to G 8" below waist line BEC
- 9.- From F to G measure  $20\frac{1}{2}"$   
( $\frac{1}{2}$  of hip measurement) with tape measure.

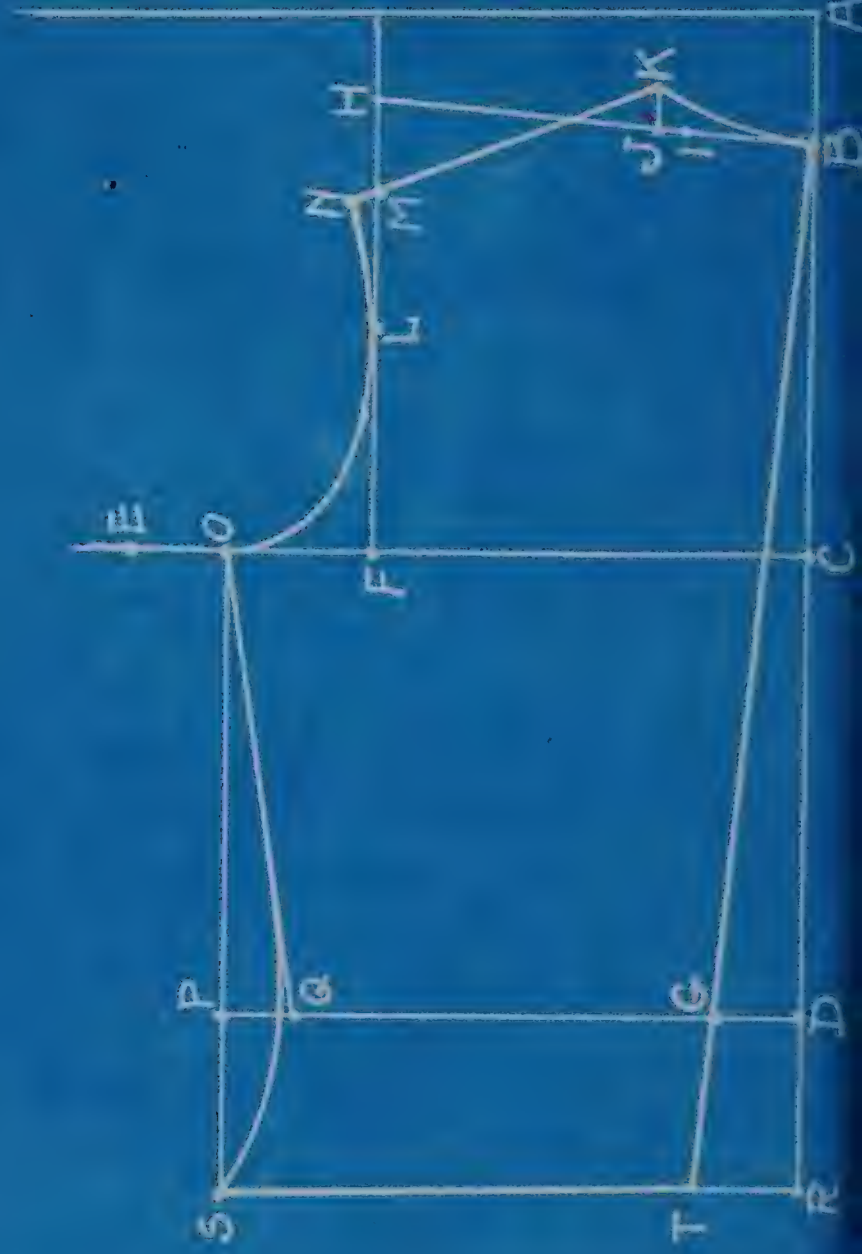
- 10.- Draw line of back from C through G to J, measuring C to J 41"
- 11.- From B to H measure 40"
- 12.- " E " I " 41"
- 13.- Shape bottom of skirt from H through I to J.
- 14.- From I to K measure  $2\frac{1}{2}"$  and draw line K to E
- 15.- From E to L and E to M measure distances of  $\frac{5}{8}"$  each.
- 16.- Shape sides of gorges from waist line to hips. (M and L)
- 17.- Allow for seams to each gore when cutting pattern.



Job No. 13

BACK of a WAIST  
Size 36 Bust 38

WOMEN'S GARMENT DESIGN





# BACK of a WAIST - SIZE 36 - Bust 38 - SCALE 18

Job No. 13

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

Note: In making a draft the scale measure is always one half of the size.  
Ex: Size 36, scale 18; size 40, scale 20.

- 1- From A to B measure  $\frac{1}{8}$ -18
- 2- " B " C "  $7\frac{1}{4}$ "
- 3- " B " D "  $15\frac{1}{2}$ "
- 4- " C " E "  $\frac{2}{3}$ -18
- 5- " E " F "  $\frac{1}{4}$ -18
- 6- " D " G "  $1\frac{1}{2}$ ", and draw B-H at right angles to B-G.
- 7- From B to I measure  $\frac{1}{8}$ -18
- 8- " I " J "  $\frac{1}{2}$ "
- 9- " J " K "  $\frac{5}{8}$ "
- 10- Point L is half way between F and H.
- 11- From L to M measure  $2\frac{1}{4}$ ", and draw line from K thru

M to point N.

12- From K to N measure  $5\frac{1}{2}$ "

13- " E " O "  $1\frac{3}{4}$ "

14- " P " Q " 1"

15- " D " R " 3"

16- Extend line B-G to T

17- " " O-P to S

18- With shaping lead draw freehand the curves from B to H, from N to L to O, and from line O-Q to S.

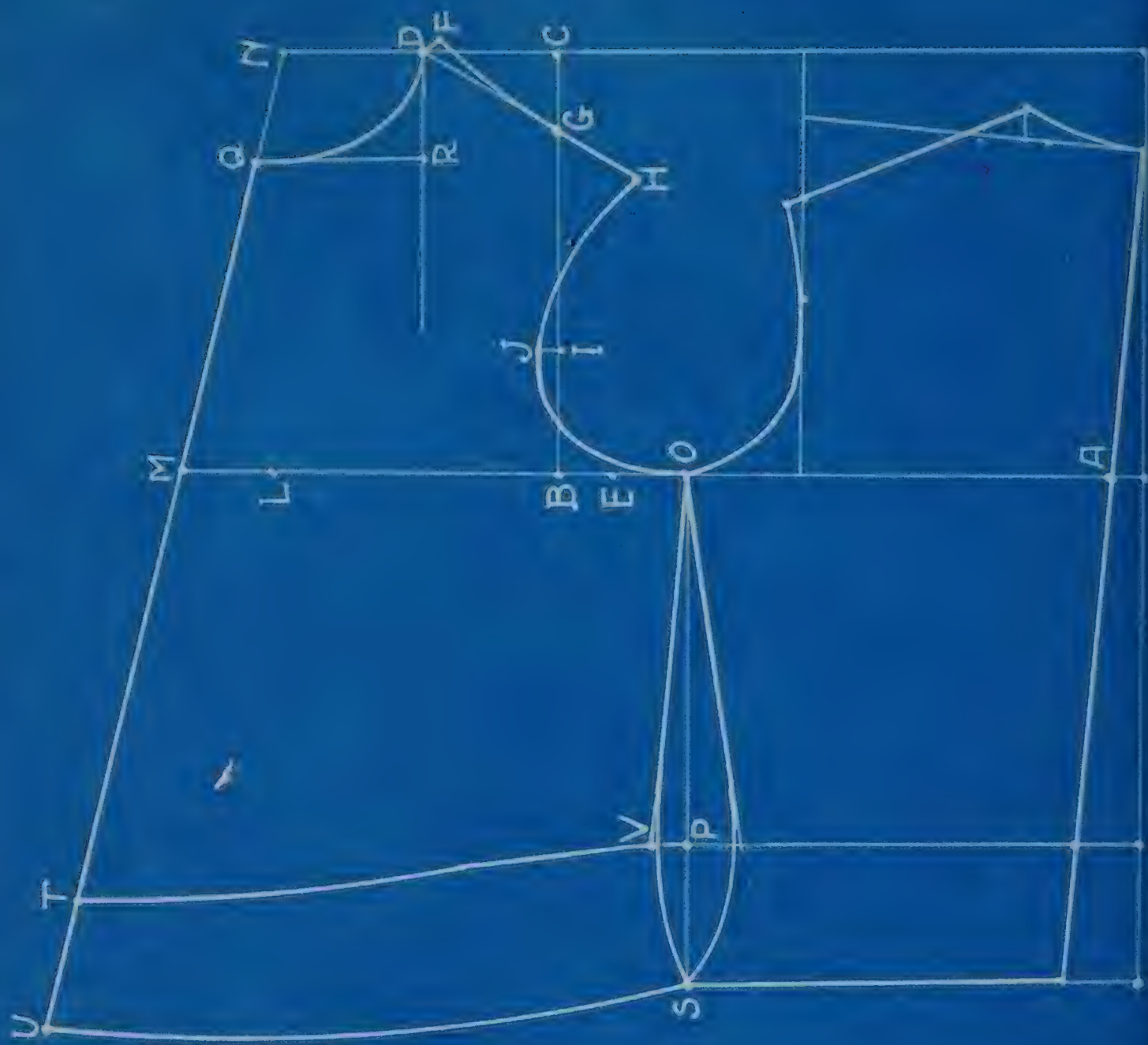
Note: This draft contains  $\frac{3}{8}$ " seam allowances.



FRONT of a WAIST  
Size 36 Bust 38

Job No. 14

WOMEN'S GARMENT DESIGN





# FRONT of a WAIST

SIZE 36.-BUST 38-SCALE 18

JOB No. 14

## WOMEN'S GARMENT DESIGN

TOOLS—Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL—Drafting Paper

### PROCESS:

1- Draft back of waist as explained in previous job, No. 13, and proceed as follows.

2- Points E, O, P and S are the same as in previous job.

3- From E to B measure  $1\frac{1}{4}"$

4- " C " D "  $\frac{1}{16}$ -18

5- " D " F "  $\frac{3}{8}"$

6- " C " G "  $1\frac{3}{4}"$  and draw line from D thru G to H.

7- From D to H measure  $5\frac{1}{2}"$

8- " B " I " 3"

9- " F " J "  $\frac{3}{8}"$

10- " A " L " 19"  
( $\frac{1}{2}$  of bust measure)

11- From L to M measure  $2\frac{1}{4}"$

12- " D " N " 3"

13- Draw line from N thru M to U,  $23\frac{1}{4}"$

14- From N to Q measure  $23\frac{1}{4}"$

15- " D " R "  $2\frac{1}{2}"$  and draw line from R to Q

16- From Q to T measure  $17\frac{1}{2}"$

17- " P " V "  $\frac{3}{4}"$

18- With the shaping lead draw the following curves.

(a) - From V to S

(b) - From H thru I to O

(c) - From D into line R-Q

(d) - From F into line D-H

(e) - From V to T

(f) - From S " U

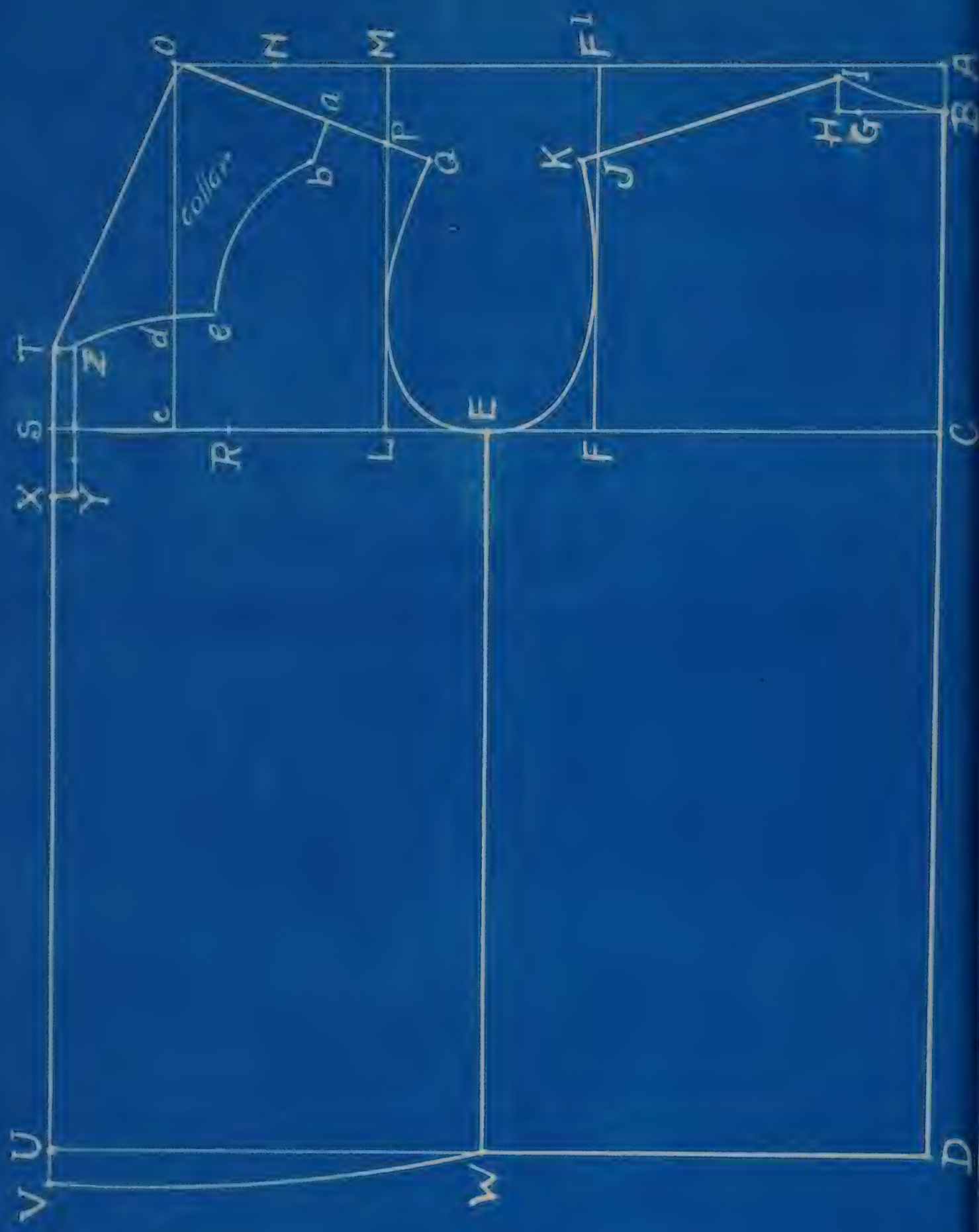


# MIDDY BLOUSE

SIZE 36

WOMEN'S GARMENT DESIGN

Job No. 15





# MIDDY BLOUSE

SIZE 36 - Bust 38 - Scale 18

## WOMEN'S GARMENT DESIGN

Job No. 15

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

### PROCESS:

- 1- From A to B measure  $\frac{1}{2}$ -18
- 2- " B " C "  $8\frac{1}{2}$ "
- 3- " B " D " 28"
- 4- " C " E "  $2\frac{1}{3}$ -18
- 5- " E " F "  $\frac{1}{6}$ -18
- 6- " B " G "  $\frac{1}{8}$ -18
- 7- " G " H "  $\frac{1}{2}$ "
- 8- " H " I "  $5\frac{1}{8}$ "
- 9- " F " J "  $2\frac{3}{8}$ "
- 10- Draw line from I thru J to K, making I to H, 7".
- 11- From E to L measure  $2\frac{3}{4}$ "
- 12- " M " N "  $\frac{1}{6}$ -18
- 13- " N " O "  $2\frac{5}{8}$ "
- 14- " M " P " 2"
- 15- Draw line from O thru P to Q,

making O to Q 7" long.

16- From C to R measure 19"  
( $\frac{1}{2}$  of bust measure)

17- From R to S measure  $4\frac{3}{4}$ "

18- " S " T "  $2\frac{1}{4}$ "

19- " U " V " 1"

20- " T " X " 4"

21- " X " Y " 1"

22- " T " Z " 1"

23- " O " a " 4"

24- " a " b "  $1\frac{1}{4}$ "

25- " c " d " 3"

26- " d " e " 1"

27- With the shaping lead draw freehand the following lines:

(a) From B to T

(b) " K " E

(c) " Q " E

(d) From W to V

(e) " e thru d to Z

(f) " f to e



# SLEEVE for MIDDY

SIZE 36

WOMEN'S GARMENT DESIGN

Job. No. 16





# SLEEVE for MIDDY

SIZE 36

JOB No. 16

WOMEN'S GARMENT DESIGN

TOOLS — Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL — Drafting Paper

## PROCESS:

1- From A to B measure 3"  
2- " B " C " 19"

3- Draw vertical lines at points A, B and C.

4- From B to D measure  $9\frac{1}{2}"$

5- " C " E "  $5\frac{3}{4}"$

6- Draw line connecting points D and E

7- Make another draft of this sleeve and allow at least 10" space below line A-B-C.

8- When draft is completed fold paper on line A-B-C.

9- Cut out sleeve pattern on folded paper, starting at point A and going around to D, to E, to C and back to A.

10- Note: It is advisable to cut a fitting of drilling cloth or unbleached muslin, sew it and try it on the tailor's form.







# COLLARS for WAIST

## WOMEN'S GARMENT DESIGN

Job No. 17

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

### PROCESS:

#### Diagram A

##### Sailor Collars:

- 1- Put front and back of waist patterns together as shown by dotted lines in this diagram and outline.
- 2- From c to d measure 6"
- 3- " d " e " 7"
- 4- " a " b " 9"
- 5- " b " f " 2 1/4"
- 6- With shaping lead draw free hand the lines from f to b, and from e to f

#### Diagram B

##### Round Collar:

- 1- Outline front and back of waist as illustrated in this diagram.
- 2- From j to k measure 3"
- 3- " h " i " 3"
- 4- With the shaping lead shape curved line i-k, three inches below the curved line b-j







JOB No. 18

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS

- 1- From A to B measure  $\frac{1}{6}$ -18
- 2- " B " C " 19"
- 3- Draw vertical lines at points A, B and C.
- 4- From A to D measure  $\frac{2}{3}$ -18
- 5- " D " E "  $1\frac{1}{4}$ "
- 6- Point H is one half of A-E. Draw H to I
- 7- Draw lines I to E and I to A
- 8- From B to J measure 2"
- 9- " J " K "  $1\frac{1}{4}$ "
- 10- " A " L "  $4\frac{1}{2}$ "
- 11- " E " M "  $4\frac{1}{2}$ "
- 12- With shaping lead draw top of sleeve freeband from point B thru H, thru L, thru H, thru M to F
- 13- From C to N measure  $1\frac{1}{4}$ "
- 14- " G " O "  $2\frac{3}{4}$ "
- 15- " O " P " 1"
- 16- With shaping lead draw curved lines from B to N and F to P.



WOMEN'S GARMENT DESIGN

## Point at Bottom

WOMEN'S GARMENT DESIGN



# ONE-PIECE SLEEVE

Point at Bottom

Job No. 19

SIZE 36 SCALE 18

## WOMEN'S GARMENT DESIGN

TOOLS — Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL — Drafting Paper

### PROCESS:

- 1- From A to B measure  $5\frac{1}{4}"$  12- From G to H measure  $1\frac{1}{2}"$
- 2- " B " C " 9" 13- " H " M "  $1\frac{1}{4}"$
- 3- " B " D " 18" 14- " D " N " 2"
- 4- Draw vertical lines at points 15- Draw straight lines from F to L, L to M, and M to N.
- 5- From A to E measure  $8\frac{1}{4}"$  16- With shaping lead draw freehand the curved lines from F to L to M, and from N to M.
- 6- Draw line E-H parallel to line A-D
- 7- Draw line B to E
- 8- From E to J measure  $3\frac{1}{8}"$
- 9- " J " K "  $1\frac{3}{4}"$
- 10- " F " I "  $\frac{3}{8}"$
- 11- Draw freehand with shaping lead line A-J-F and line A-K-I







# Two-Piece Sleeve

Under Part

Job No. 20

Size 36 - Scale 18

Women's Garment Design

Tools - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

Material - Drafting Paper

## Process:

- 1-From A to B measure  $4-18$
- 2- " B " C "  $1"$
- 3- " B " D "  $1\frac{1}{4}"$
- 4- " C " E "  $9"$
- 5- " C " F "  $18"$
- 6- " A " G "  $13-18$
- 7- " G " H "  $3\frac{1}{4}"$
- 8-Draw vertical lines D-I and C-J.
- 9-From J to K measure  $10"$  and draw line from E to K
- 10-Draw vertical line F to L
- 11-From L to M measure  $4\frac{1}{4}"$
- 12- " C " N "  $7\frac{1}{8}"$
- 13- " E " O "  $1\frac{3}{4}"$
- 14- " F " P "  $\frac{1}{2}"$
- 15- Draw lines from N to O to P
- 16-From D to Q measure  $5\frac{1}{2}"$
- 17- " O " R "  $5"$
- 18- " P " S "  $3\frac{1}{4}"$
- 19-Draw lines from Q to R to S
- 20-From Q to Q<sup>r</sup> measure  $3\frac{1}{8}"$
- 21-Extend line O-N  $1\frac{1}{2}"$  to the right.
- 22-From N to N<sup>r</sup> measure  $3\frac{1}{8}"$
- 23-Shape armhole from N<sup>r</sup> to Q<sup>r</sup> with shaping head
- 24-With the shaping head draw lines Q-R-S and N-O-P.



Job No. 21

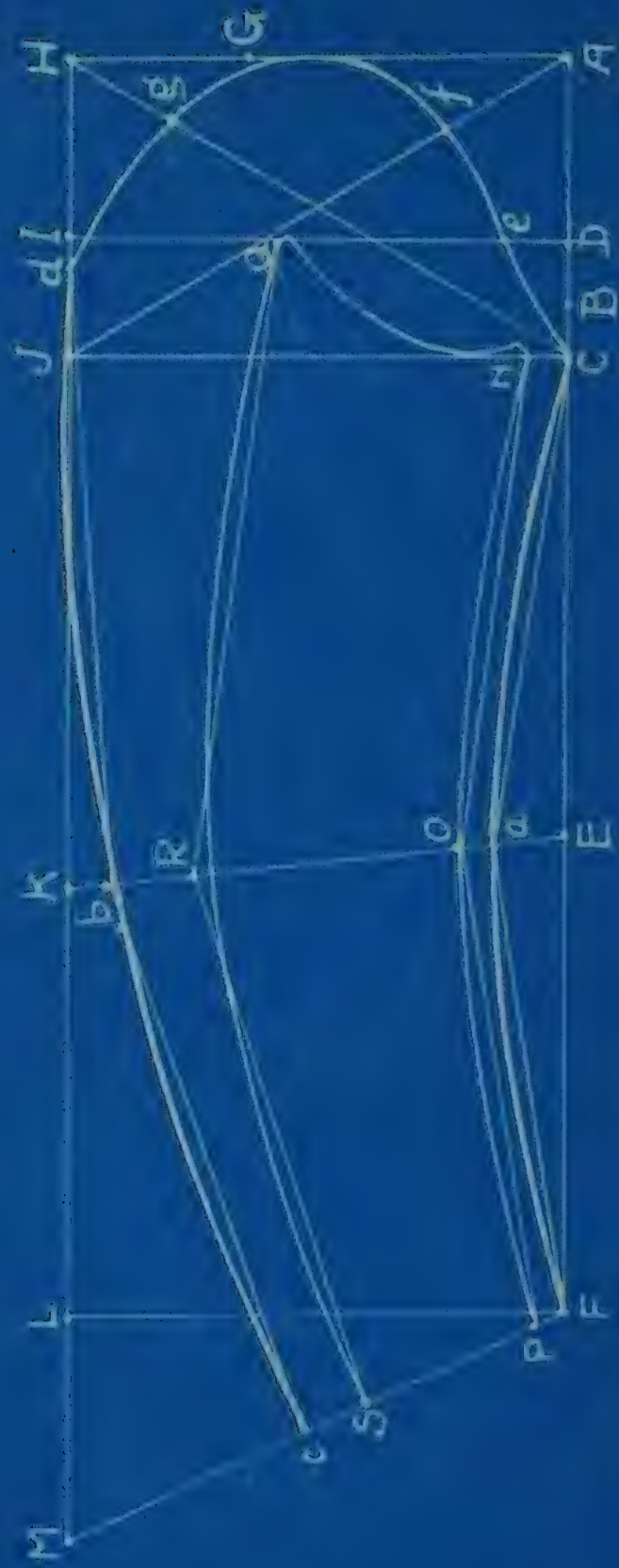
# TWO-PIECE SLEEVE

Top Part

WOMEN'S GARMENT DESIGN

For Waist

Size 36





# TWO-PIECE SLEEVE

SIZE 36 - SCALE 18

WOMEN'S GARMENT DESIGN

JOB No. 21

Top Part

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

1- Make a draft of the under-sleeve as explained in the previous lesson, Job 20.

2- Letter each point.

3- From E to a measure  $1\frac{1}{4}"$

4- Draw lines C to a and a to F

5- From I to d measure  $\frac{1}{2}"$

6- " R " b  $\frac{1}{3}\frac{1}{4}"$

7- " S " c  $1\frac{1}{2}"$

8- Draw lines d to b and b to c

9- From D to e measure  $1\frac{1}{4}"$

10- " A " f  $2\frac{5}{8}"$

11- " H " g  $2\frac{1}{4}"$

12- Draw freehand with the shaping lead the following lines:

(a) - From C to e, to f, touching line A-H, to g, to d

(b) - From C to a to F

(c) - " d " b " c

13- Make a second draft of this pattern and ask your teacher to show you how it is cut and notched.



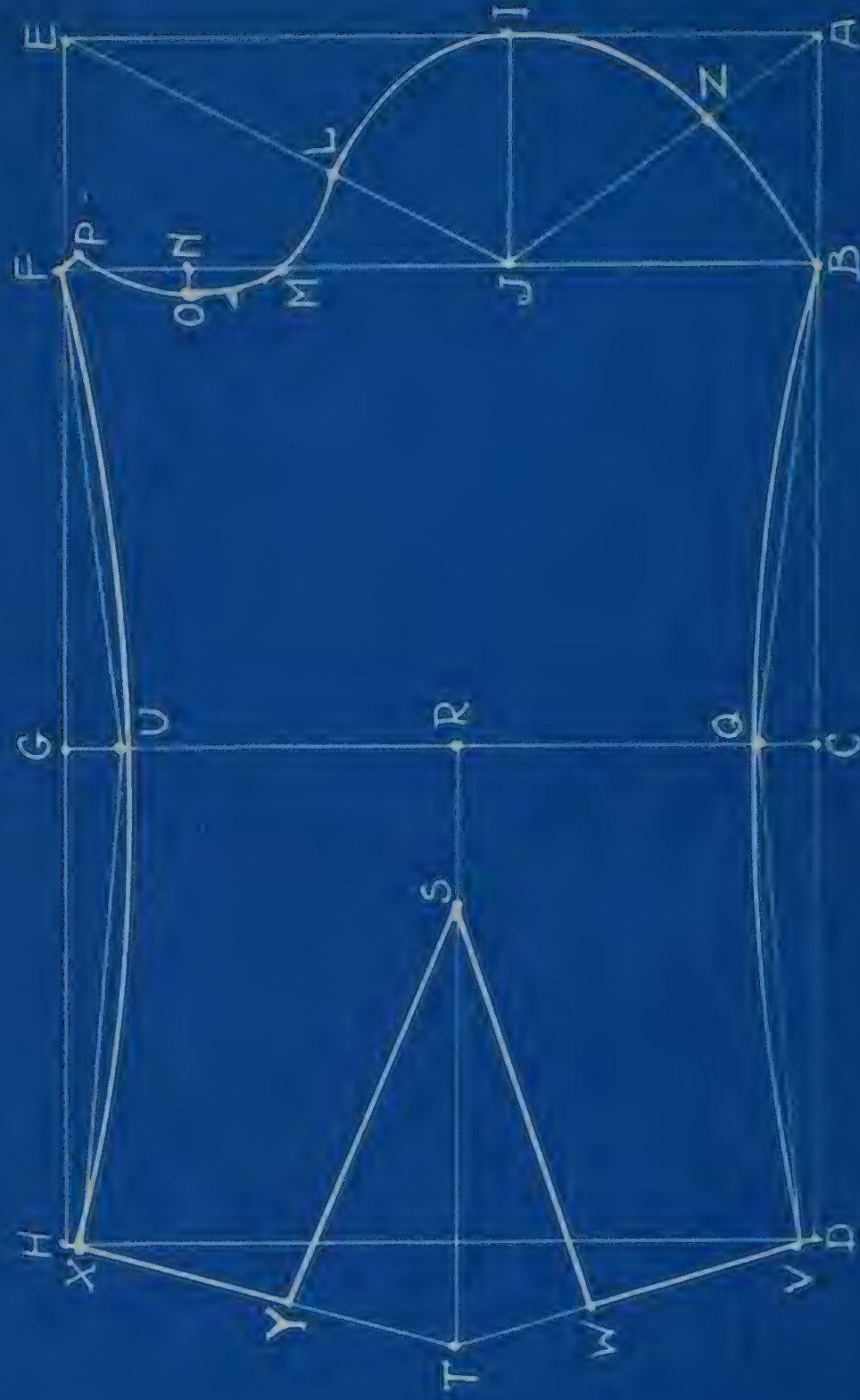
# ONE-PIECE SLEEVE

Dart at Bottom

For Waist

WOMEN'S GARMENT DESIGN

JOB No. 22





# ONE-PIECE SLEEVE

Dart at Bottom

JOB No 22

SIZE 36 SCALE 18

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

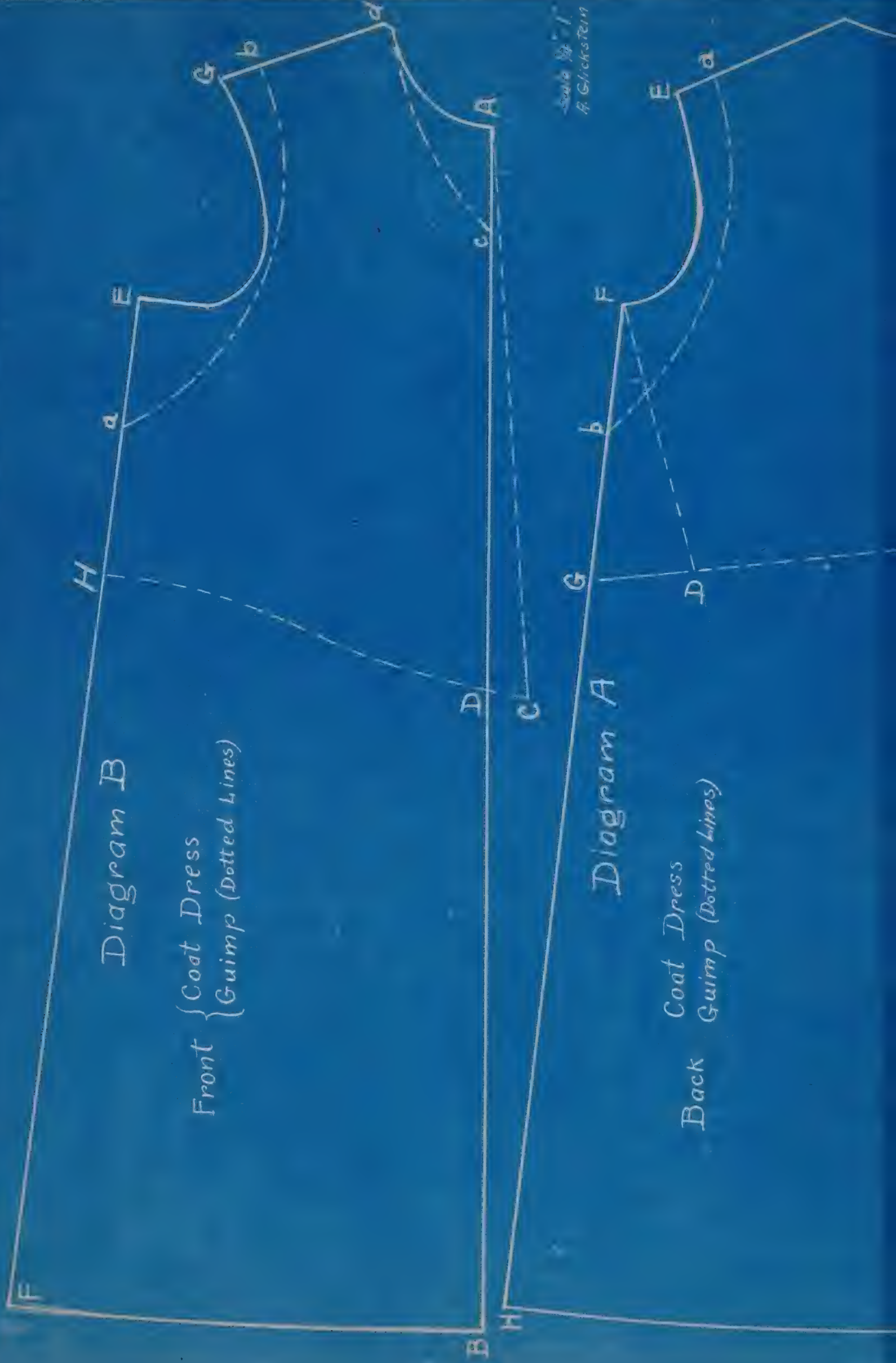
1. From A to B measure  $\frac{1}{4}$ -18
- 2- " B " C  $9\frac{1}{2}$ "
- 3- " B " D  $19\frac{1}{2}$ "
- 4- " A " I  $\frac{1}{3}$ -18
- 5- " I " E  $8\frac{1}{4}$ "
- 6- Draw lines A to J and E to J
- 7- From A to Z measure  $2\frac{3}{4}$ "
- 8- " E " L  $6$ "
- 9- " F " P  $\frac{3}{8}$ "
- 10- " F " N  $2\frac{1}{4}$ "
- 11- " N " O  $\frac{5}{8}$ "
- 12- " N " M  $2$ "
- 13- With the shaping lead draw freehand the line from B thru Y, I, L, M, O, to P
- 14- From C to R measure  $10$ "
- 15- " R " T  $12$ "
- 16- Draw lines T to D and T to H
- 17- From R to S measure  $3$ "
- 18- " C " Q  $1\frac{1}{8}$ "
- 19- " D " V  $\frac{3}{8}$ "
- 20- " V " W  $4\frac{1}{4}$ "
- 21- Draw lines B-Q, Q-V, and W-S
- 22- From G to U measure  $1\frac{1}{8}$ "
- 23- " H " X  $\frac{3}{8}$ "
- 24- " X " Y  $4\frac{1}{4}$ "
- 25- Draw lines F to U, U to X, and Y to S.
- 26- With the shaping lead draw freehand the curve from F to U to X.



JOB No. 23

# COAT DRESS

WOMEN'S GARMENT DESIGN





# COAT DRESS

SIZE 36 - Bust 38

JOB No. 23

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

Diagram A

- 1- Draw a horizontal line A to B 41" long
- 2- Place the back of the waist pattern so that the centre back will be on A-C, and outline it.
- 3- Mark points E, F, D and C.
- 4- From D to G measure  $3\frac{1}{4}"$
- 5- Draw line from F thru G to H, 32" long
- 6- From E to a measure  $1\frac{1}{4}"$
- 7- " F " b 4"
- 8- Shape dot and dash line from a to b. This is for a guimpe.

Diagram B

- 1- Draw a horizontal line A to B 38" long.
- 2- Place the front of the waist pattern so that point C will be  $1\frac{1}{4}"$  below D, and outline the front.
- 3- Mark points A, C, D, E, H and G.
- 4- Extend line EH to F making E to F 32" long
- 5- From G to b measure  $1\frac{1}{4}"$
- 6- " E " a 4"
- 7- " A " c 3"
- 8- Shape dot and dash lines from b to a and d to c.

This is for a guimpe.



# LINING

Back

For Waist on Dress





WOMEN'S GARMENT DESIGN

Job No. 24

Back

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

- 1- From A to B measure 18-18
- 2- " B " C " 7 1/4"
- 3- " B " D " 15 1/2"
- 4- " C " E " 2 1/3-18
- 5- " E " F " 1/4-18
- 6- " D " G " 1 1/2"
- 7- " B " I " 1/8-18
- 8- " I " J " 1/2"
- 9- " J " K " 5/8"
- 10- Locate point L half way between F and H
- 11- From L to M measure 2 1/4"
- 12- Draw line from K thru M
- 13- From K to M measure 5 1/4"
- 14- " E " O " 1 1/2"
- 15- " P " Q " 1 1/4"
- 16- With the shaping head draw freehand the curves from B to K and from N to O.
- 17- Cut out a full size pattern and put on the tailor's form.







# LINING

Front

JOB No 25

SIZE 36 - BUST 38 - SCALE 18

## WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

### PROCESS:

- 1-Draft back of lining as explained in previous job. (#24)
- 2-Mark points E, O, P and a.
- 3-From E to B measure  $1\frac{1}{4}"$
- 4- " C " D  $\frac{1}{6}-18$
- 5- " D " F  $\frac{3}{8}"$
- 6- " C " G 2"
- 7- Draw line from D thru G to d  
(From D to d  $5\frac{1}{4}"$ )
- 8-From P to H measure  $\frac{3}{4}"$
- 9- " a " I 19"
- 10- " I " J 2"
- 11-Draw JH at right angles to J-A
- 12-From H to L measure  $1\frac{1}{4}"$
- 13-Draw line through points L and J extending it to the right and left.

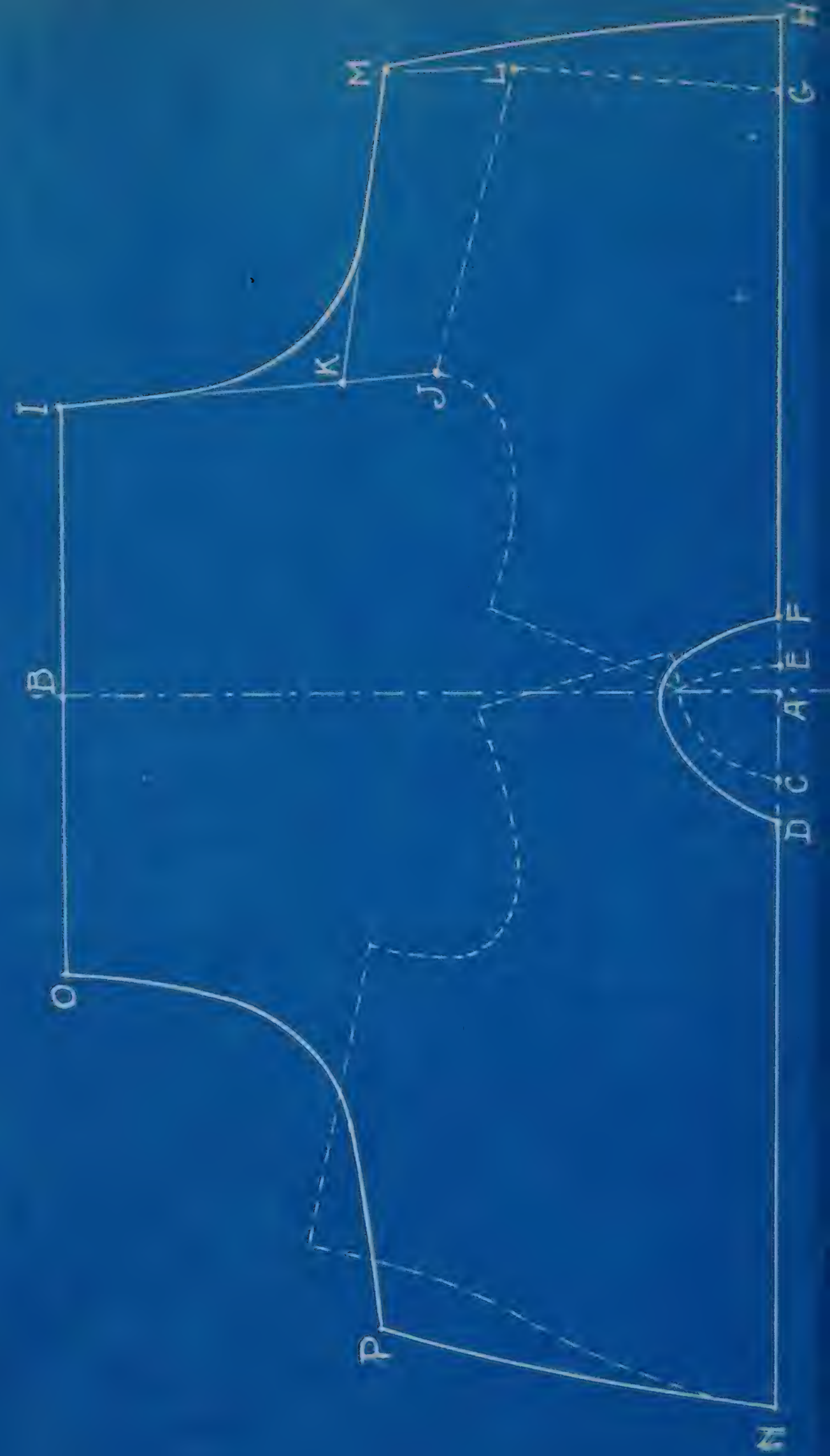
- 14-From L to M measure  $1\frac{1}{4}"$
- 15- " J " N 3"
- 16- " N " Q  $1\frac{1}{4}"$
- 17- " M " R  $1\frac{1}{4}"$
- 18-Draw line PQ and shape H to R.
- 19-Draw line D to I
- 20-With shaping lead draw curve from D thru N to O
- 21-From J to S measure 4"
- 22- " O " T  $3\frac{1}{2}"$
- 23- " S " U  $3\frac{1}{2}"$
- 24- " U " V  $2\frac{1}{2}"$
- 25- " M " W  $3\frac{1}{2}"$
- 26- " W " X 1"
- 27- " X " Y  $1\frac{1}{2}"$
- 28- " Y " Z  $1\frac{1}{4}"$



JOB No. 26

# KIMONO

WOMEN'S GARMENT DESIGN





Job No. 26

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

- 1- Draw the horizontal line N-H 7- From A to B measure 20" near the bottom of your paper. 8- " B " I 8"
- 2- In the middle of your paper 9- " J " K 2 1/2" draw the vertical line [dot and dash line] A-B. 10- " L " M 3 1/2" 11- " G " H 2"
- 3- Place the front and back of the waist pattern on line H-N and outline them as indicated by dotted lines. 12- With shaping lead draw lines from H to M and M to I 13- Fold paper on line A-B and cut pattern on lines F-H, H-M and M-I 14- Unfold paper and you will have lines B-O, O-P and P-N.
- 4- From E to F measure 1 1/4"
- 5- " C " D 1"
- 6- With shaping lead draw freehand the line of the neck from F-D



JOB No. 27

# BOX COAT

Back

WOMEN'S GARMENT DESIGN

SIZE 36









# BOX COAT

Front

Size 36

WOMEN'S GARMENT DESIGN.

JOB No. 28





# Box Coat

Front

Job No. 28

Size 36 - Bust 38 - Scale 18

## Women's Garment Design

Tools - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

Material - Drafting Paper

### Process:

- 1- Draft back of box coat as explained in previous lesson
- 2- Mark off points F, O, P and S
- 3- From P to A measure 1"
- 4- Make line O-B equal to line O-S.
- 5- From F to C measure  $1\frac{3}{4}"$
- 6- " D " E "  $\frac{1}{3}-18$
- 7- " E " F "  $\frac{3}{4}"$
- 8- " F " G "  $\frac{3}{8}"$
- 9- " D " H "  $1\frac{3}{4}"$
- 10- Draw line from F thru H to I, 5" long.

- 11- From F<sup>r</sup> to J measure 2"
- 12- " a " b  $\frac{1}{2}"$
- 13- Draw line from b thru J
- 14- From H to L measure 19"
- 15- " L " M " 2"
- 16- " M " N "  $2\frac{1}{4}"$
- 17- " Q " R "  $\frac{1}{2}"$
- 18- With shaping lead draw freehand the curves at the neck, shoulders, armhole and bottom.



JOB No. 29

# NOTCH COLLAR

WOMEN'S GARMENT DESIGN





# NOTCH COLLAR

Job No. 29

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

- 1- Make a draft of a coat as explained in previous lessons.
- 2- From A to B measure 11"
- 3- " C " D "  $\frac{3}{4}$ "
- 4- Draw line from B thru C about 20" long
- 5- Locate point E 3" from C and  $\frac{1}{4}$ " from line B-D-F.
- 6- Draw a straight line from E to the neck
- 7- Draw line E-G at right angles to E-C.
- 8- From F to G measure  $2\frac{1}{4}$ "
- 9- " J " H "  $2\frac{3}{4}$ "
- 10- Draw line G to H.
- 11- Draw line H to I 2" long and at an angle of  $45^\circ$  to A-H.
- 12- It is advisable to cut out collar of drilling cloth or muslin and sew it into the body of the coat.



# SHAWL COLLAR

JOB No. 30

WOMEN'S GARMENT DESIGN





# SHAWL COLLAR

Job No. 30

WOMEN'S GARMENT DESIGN

TOOLS Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

- 1- Draft coat as explained in previous lessons.
- 2- From A to B measure 11"
- 3- " C " D "  $\frac{3}{4}$ "
- 4- Draw a line from B thru D to F about 19"
- 5- Locate point E 3" from C and  $1\frac{1}{4}$ " from line B-D-F
- 6- Draw line from E to curve of neck.
- 7- Draw line E-G at right angles to line E-C.
- 8- From F to G measure  $2\frac{1}{4}$ "
- 9- Draw line G-I-J parallel to line E-D-B.
- 10- Shape line from J to B.



WOMEN'S GARMENT DESIGN

Size 36

# Under Part

WOMEN'S GARMENT DESIGN



# TWO-PIECE SLEEVE

SIZE 36 - SCALE 18

JOB No. 31

FOR COAT

Under Part

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

- 1- From A to B measure  $\frac{1}{3}$ -18
- 2- " B " C " 9"
- 3- " B " D " 18"
- 4- " B " E "  $2\frac{1}{4}$ "
- 5- " A " L "  $\frac{1}{3}$ -18
- 6- " L " F "  $\frac{1}{3}$ -18
- 7- Draw lines E-G, B-H and D-J
- 8- From H to I measure 10"
- 9- " J " K "  $4\frac{1}{2}$ "
- 10- Draw lines from C to I and from D to K
- 11- From B to M measure  $\frac{3}{4}$ "
- 12- " C " N "  $1\frac{3}{4}$ "
- 13- " D " O "  $\frac{1}{2}$ "
- 14- Draw straight lines from M to N and N to O
- 15- From E to P measure 6"
- 16- " N " Q "  $5\frac{1}{2}$ "
- 17- " O " R " 4"
- 18- " P " S "  $\frac{3}{8}$ "
- 19- " M " T "  $\frac{3}{8}$ "
- 20- With the shaping lead shape the curves T to S, M-N-O, and P-Q-R.



JOB No. 32

# TWO-PIECE SLEEVE

Top Part

WOMEN'S GARMENT DESIGN

For Coat Size 36





TWO-PIECE SLEEVE  
Top Part

SIZE 36 SCALE 18

JOB No. 32 FOR COAT WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

- 1- Draft box and under part of sleeve as explained in previous lesson
- 2- Mark points A, B, C, D, E, F, G, H, I, J, K and L
- 3- Draw line A to H
- 4- Draw line B to F
- 5- From C to a measure  $1\frac{1}{4}"$
- 6- Draw lines from B to a to D
- 7- From G to b measure  $\frac{1}{2}"$
- 8- " b " c 2"
- 9- " a " d  $8\frac{1}{4}"$
- 10- " D " e 6"
- 11- Draw straight lines from c to d to e.
- 12- From E to f measure  $1\frac{1}{4}"$
- 13- " A " G 3"
- 14- " F " h 3"
- 15- " h " i  $1\frac{1}{4}"$
- 16- With shaping lead draw free hand the following curves:
  - (a) B-f-g-i-c
  - (b) B-f-g-L-h-bCurve a represents a wider top sleeve and curve b a narrower one.

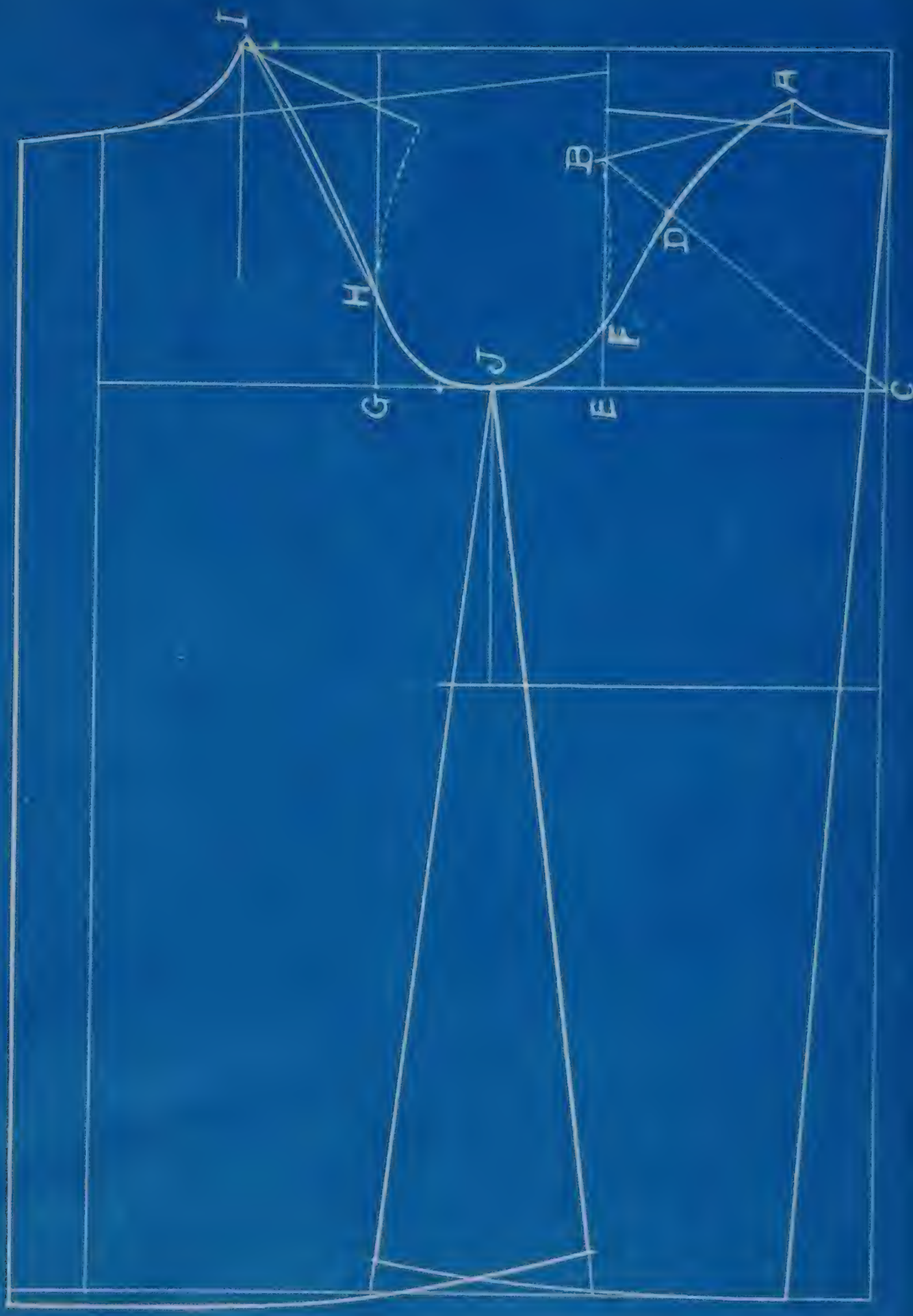


Job No. 33

# RAGLAN

WOMEN'S GARMENT DESIGN

Size 36





RAGLAN

Size 36 Bust 38

JOB No. 33

WOMEN'S GARMENT DESIGN

SCALE 18

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

PROCESS:

- 1- Draw box coat as explained in previous lessons
- 2- Draw line B to C.
- 3- From B to D measure  $2\frac{1}{4}"$
- 4- " E " F  $1\frac{1}{2}"$
- 5- " G " H  $2\frac{1}{4}"$
- 6- Draw straight line from I to H
- 7- With shaping lead draw freehand curve from A through D through F to J.
- 8- With shaping lead draw freehand the curve from I through H to J.



# RAGLAN SLEEVE

# Under Part

Size 36

WOMEN'S GARMENT DESIGN





# RAGLAN SLEEVE SIZE 36-SCALE 18

## Under Part WOMEN'S GARMENT DESIGN

### JOB No. 34

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

#### PROCESS:

- 1- From A to B measure  $\frac{1}{6}$ -18
- 2- " B " C " 9"
- 3- " B " D " 18"
- 4- " A " E "  $\frac{1}{3}$ -18
- 5- " E " F " 10"
- 6- Draw lines B-G, C-H, D-I
- 7- From I to J measure 4"
- 8- Draw line from D to J.
- 9- From B to H measure  $\frac{7}{8}$ "
- 10- " C " L "  $\frac{1}{4}$ "
- 11- " D " M "  $\frac{1}{2}$ "
- 12- " L " N "  $5\frac{1}{2}$ "
- 13- " M " O "  $4\frac{1}{2}$ "
- 14- Draw lines from H through L to M and from E through N to O.
- 15- From E to R measure  $\frac{3}{8}$ "
- 16- " K " S "  $\frac{3}{8}$ "
- 17- " C " P "  $1\frac{1}{2}$ "
- 18- Draw lines from B to P to D
- 19- From O to Q measure 2"
- 20- Draw line from H to Q
- 21- With shaping lead draw freehand the following curves:

(a) B-P-D

(b) K-L-M

(c) E-N-O

(d) E-H-Q

(e) S-R



JOB No. 35

# RAGLAN SLEEVE

Top Part WOMEN'S GARMENT DESIGN

Size 36





# RAGLAN SLEEVE

Top Part

SIZE 36 SCALE 1/8

JOB No. 35

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

- 1- The following is to be added to the draft made in the previous lesson.  
12- Point c is half way between B and b.
- 2- From H to T measure  $\frac{1}{8}$ -18
- 3- " " T " U " "  $\frac{1}{4}$ "
- 4- " " U " V " " 3"
- 5- " " U " Y " "  $\frac{1}{3}$ -18
- 6- " " Y " Z " "  $1\frac{1}{2}$ "
- 7- " " V " W " "  $\frac{1}{4}$ "
- 8- " " V " X " "  $\frac{1}{2}$ "
- 9- " " Z " a " "  $\frac{1}{8}$ -18
- 10- " " a " b " "  $\frac{3}{4}$ "
- 11- Draw line from b to B
- 13- From c to d measure  $\frac{1}{2}$ "
- 14- " " Z " e " "  $\frac{1}{12}$ -18
- 15- " " e " f " "  $\frac{3}{4}$ "
- 16- Draw a straight line from f to F.
- 17- With shaping lead draw freehand the curves as follows:  
(a) b-d-B (c) e-W-V  
(b) a-X-U (d) f-F







# BUTTERFLY BACK

JOB No. 36

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCEED

- 1- Draw line A-B 32" long
- 2- Place back of box coat on line A-B and draw outline.
- 3- Mark points C, D, E, F
- 4- From D to H measure  $1\frac{1}{2}$ "
- 5- Draw line from C through H to J, making C to J 24" long
- 6- Line I-J is at right angles to line I-C
- 7- From I to J measure  $8\frac{1}{2}$ "
- 8- E, H J  $3\frac{1}{8}$ "
- 9- Draw line J to H

- 10- From F to G measure  $3\frac{1}{4}$ "
- 11- Draw line E to G
- 12- With shaping lead draw freehand the curve under the armhole.



JOB No. 37

# BUTTERFLY

FRONT

WOMEN'S GARMENT DESIGN





# BUTTERFLY

FRONT

JOB No. 37

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

1- Take pattern of back of butterfly and outline it. Refer to previous job.

2- Mark points A, B, H, J, I and F

3- Line H-L is  $\frac{1}{2}$ " from line F-I

4- Now take front pattern of box coat and place it on your draft as the diagram indicates by dotted lines.

5- This will give you points F, G, M, N, C, D and E

6- The heavy lines indicate the outline of the front pattern of the butterfly.



Job No. 38

# SEMI FITTING COAT

*French Back*

Size 36

WOMEN'S GARMENT DESIGN





# SEMI-FITTING COAT

JOB No. 38

SIZE 36 BUST 38  
SCALE 18

FRENCH BACK

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser

MATERIAL - Drafting Paper

## PROCESS:

### Part I

- 1- From A to B measure  $\frac{18}{16}-18$
- 2- " B - C " 7"
- 3- " B - D " 15"
- 4- " B - E " 32"
- 5- " C - F "  $\frac{23}{18}-18$
- 6- " F - G "  $\frac{14}{14}-18$
- 7- " G - H "  $\frac{3}{4}$ "
- 8- " D - I " 1"

9- Draw line B-J at right angles to line B-I

10- From B to H measure  $\frac{18}{16}-18$

11- " H - L "  $\frac{1}{2}$ "

12- " L - M "  $\frac{5}{8}$ "

13- Point H is one half of H to J.

14- From H to O measure  $2\frac{1}{2}$ " and draw line O to L.

15- From L to P measure 3"

16- " C - Q "  $5\frac{1}{4}$ "

17- From I to R measure 4"

18- " E - S "  $3\frac{1}{4}$ "

19- " S - T " 5"

20- Draw lines from P to Q to R to T, and from I to S.

### Part II

1- From P to U measure  $3\frac{1}{8}$ "

2- " R - V "  $3\frac{1}{4}$ "

3- " T - W "  $1\frac{1}{2}$ "

4- Draw lines P to Q, Q to V and V to W.

5- From F to X measure  $\frac{1}{2}$ "

6- " Y - Z "  $3\frac{1}{4}$ "

7- " a - b " 1"

8- Draw lines from X to Z to b

9- With shaping lead draw freehand the curves U-Q, Q-R, Z-a, B-M,

M-O and Q-X



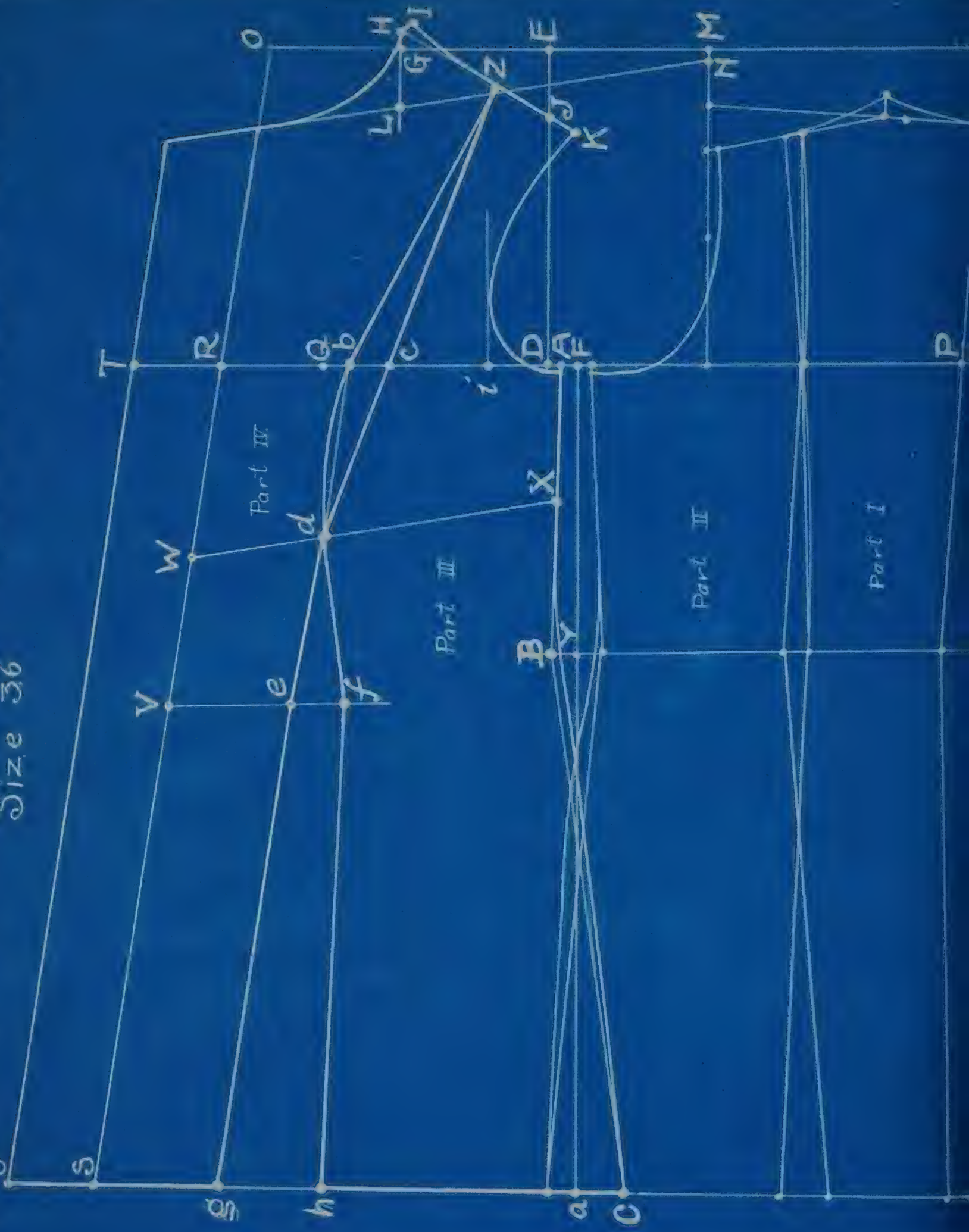
# SEMI FITTING COAT

French Front and Back.

WOMEN'S GARMENT DESIGN

Size 36

JOB No. 39<sub>U</sub>





# SEMI-FITTING COAT

SIZE 36 BUST 38  
SCALE 18

JOB No. 39

FRENCH FRONT

WOMEN'S GARMENT DESIGN

TOOLS - Tailor's Square, Tape Measure, Pencil, Black Lead, Eraser  
MATERIAL - Drafting Paper

## PROCESS:

1-Draft back as in Job No. 38

2-Mark points F, Y and a.

3-From F to A measure  $\frac{1}{2}$ "

4- " Y " B "  $\frac{3}{4}$ "

5- " a " C "  $1\frac{1}{2}$ "

6- " F " D "  $1\frac{1}{4}$ "

7- " E " G "  $\frac{1}{4}$ -18

8- " G " H "  $\frac{1}{2}$ "

9- " H " I "  $\frac{3}{8}$

10- " F " J " 2"

11-Draw line H thru J to H making I-H  $5\frac{3}{4}$ " long.

12-From M to H measure  $\frac{1}{2}$ "

13- " G " L "  $1\frac{3}{4}$ "

14- " G " O "  $3\frac{3}{4}$ "

15- " P " Q " 19"

16- " Q " R " 3"

17-Draw line from O thru R to bottom (S)

18-From G to V measure 21" and draw vertical line down about 7"

19-From R to W measure 6"

20- " A " X " 4"

21- " I " Z "  $3\frac{1}{8}$ "

22- " Q " b "  $\frac{1}{2}$ "

23- " b " c "  $1\frac{1}{4}$ "

24-Draw lines from Z to b and from Z to c.

25-From W to d measure 4" and draw lines to b and c.

26-From V to e measure  $3\frac{1}{2}$ "

27- " e " f "  $1\frac{1}{2}$ "

28-Draw lines from e and f to d

29-From S to g measure  $3\frac{3}{4}$ "

30- " g " h " 3"

31-Draw lines from g to e and h to f.

























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